

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	"1999967"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/26 08:49
S1	54	"4920937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 10:52
S2	184	(transverse with spray) and injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:21
S3	67	S2 and "239"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 21:54
S4	41	S2 and "123"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:15
S5	19	("3559892" "4570853" "5163621" "5449121").PN. OR ("6045063").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 21:55
S6	487	239/533.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36
S7	1118	239/533.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36

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S8	278	239/533.7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36
S9	344	239/533.8.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36
S10	623	239/533.9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:38
S11	857	239/533.12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S12	233	239/489.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S13	352	239/460.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S14	658	123/276.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S15	428	123/301.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37

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S16	458	123/298.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:38
S17	218	123/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:38
S18	1043	123/305.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:39
S19	54	"4920937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:39
S20	29	"5553588"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:40
S21	21	"5740777"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:40
S22	6	"6199538"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:02
S23	63592	(fuel injector with cylinder) and rotate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:03

EAST Search History

S24	30436	S23 and wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:04
S26	867	S24 and "239"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:16
S27	4	S24 and 239/533.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:08
S28	290	239/533.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:08
S29	1	S28 and (cylinder same rotate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:08
S30	29	("2592111" "2750957" "3139076" "3314303" "4151958" "4382554" "4693424" "4747376" "4750675" "4905908" "4909444").PN. OR ("5127584"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 11:11
S31	6498	S24 and "123"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:16
S32	1091	S31 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:17

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S33	77	S32 and clamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:40
S34	16	"4899699"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:40
S35	27	("2246019" "3096751" "3190271" "4168804" "4275844" "4327675" "4515129" "4524743" "4633830" "4753213").PN. OR ("4899699"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:02
S36	134	valve adj stem adj rotate	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:02
S37	14	S36 and fuel	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:03
S38	3	S37 and cylinder	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:03
S39	77	barney-seth.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/19 15:36
S40	5	("4943004" "6079636" "6279842" "6386185" "6663015").PN. OR ("6969009"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 17:09
S41	190	(drive with unit) and (integral with needle)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 17:22
S42	11	(drive with unit) and (integral with needle) and piezo\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 10:57
S43	52	(drive with unit) and (fixed with needle) and piezo\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 10:58

EAST Search History

S44	375	(rotate with injector) and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:17
S45	188	S44 and "123"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:34
S46	5	"4382553"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:34
S47	6	("3542293" "4153205").PN. OR ("4382553").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 10:35
S48	24	(rota\$4 with needle)and 239/533.9. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:40
S49	1952410	oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:40
S50	2118267	chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:41
S51	6074	lubricat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:41
S52	828810	piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42

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S53	4675001	pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S54	1300638	pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S55	1782845	cylinder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S56	95081	rotat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S58	36	S49 and S50 and S51 and S52 and S53 and S54 and S55 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/26 12:47
S63	25	mcgraw-trevor.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 15:19
S64	42	kamen-noah.xp.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 15:19
S65	4	("6334422").URPN.	USPAT	OR	OFF	2007/04/27 16:02
S66	38920	stub	USPAT	OR	OFF	2007/04/27 16:02
S67	541573	oil	USPAT	OR	OFF	2007/04/27 16:02
S68	923194	supply	USPAT	OR	OFF	2007/04/27 16:02
S69	454220	discharge	USPAT	OR	OFF	2007/04/27 16:03
S70	783	S66 and S67 and S68 and S69	USPAT	OR	OFF	2007/04/27 16:06

EAST Search History

S71	354	S70 and rotate	USPAT	OR	OFF	2007/04/27 16:06
S72	21	S71 and "123"/\$.cls.	USPAT	OR	OFF	2007/04/27 16:10